



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

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Air Protection Division (3AP12)

April 21, 2006

Dr. Roger C. Westman
Department of Air Quality
Bureau of Air Pollution Control
301 Thirty-Ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
Air, Radiation & Toxics Division
1650 Arch Street
Philadelphia, PA 19103-2029
ATTN: Michael Ioff (3AT23)

Assistant Council
Department of Environmental Protection
Southwest Region
400 Waterfront Drive
Pittsburgh, PA 15222-4745
ATTN: Steve Hepler

Department of Justice
Environmental and Natural Resource Division
Environmental Enforcement Section
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
ATTN: David Street, Esq.

Subject: USS Reference Number: 06-0161
ACHD Reference Number: N/A
USS Clairton Works

Gentlemen:

The attached form terminates the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 233-1015.

Sincerely,

Anton Lukac
Plant Manager
Clairton Works

NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. **USS Reference Number:** 06-0161 Termination
ACHD Reference Number: N/A
2. **Date & Time of Breakdown:** Date: 04/13/06 Time: 2240 hours
3. **Company Name:** U.S. Steel Corporation - USS Clairton Works
4. **Specific Equipment Involved or Affected:**
5. **BAPC Permit Number (if applicable):**
6. **Location:** Clairton, PA
7. **Nature and cause of breakdown:** Coke oven gas suction pressure was lost and coke oven gas was flared on all batteries when the gas processing plants shut down due to a power failure. This prevented the desulfurization of the coke oven gas. Fuel gas was also lost for a period of time. Natural gas was used until a stabilized supply of coke oven gas could be restored.
8. **Identification of Emissions:**
 - A. **Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)**
Released products of combustion of Coke Oven Gas. Elevated H₂S in the downriver and under-firing gas line systems, causing increased SO₂ and VOC at point of combustion. This also cause increased emissions from battery emission points; doors, lids, offtakes, charging, & stacks.
 - B. **Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality).** SO₂ is and VOC could be an eye, nose, and throat irritant.
 - C. **Amount of each type emitted (or likely to be emitted).**
Moderate
9. **Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).**
The gas processing systems were brought on line.
10. **Facility back in operation -** Date: 4/21/06 Time: 1030 hours

Signature

Coleen M. Davis
Coleen M. Davis

Date

4/21/06

Senior Environmental Control Engineer Phone: 233-1015